

(Absence of an entry indicates that the data were not estimated.)

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
GaB: Gallia-----												
	0-15	Silt loam	CL, CL-ML, ML	A-4	0	0	100	85-100	75-95	60-85	22-35	3-10
	15-67	Sandy clay loam, gravelly clay loam, loam	CL, SC	A-6	0	0	85-100	65-100	60-95	35-70	32-40	13-20
	67-72	Loamy sand, gravelly loamy sand, sandy loam	SM	A-1, A-2	0	0-5	75-100	65-100	45-70	15-35	---	NP
GaC: Gallia-----												
	0-15	Silt loam	CL, CL-ML, ML	A-4	0	0	100	85-100	75-95	60-85	22-35	3-10
	15-67	Sandy clay loam, gravelly clay loam, loam	CL, SC	A-6	0	0	85-100	65-100	60-95	35-70	32-40	13-20
	67-72	Loamy sand, gravelly loamy sand, sandy loam	SM	A-1, A-2	0	0-5	75-100	65-100	45-70	15-35	---	NP
GlC: Gilpin-----												
	0-9	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	9-20	Channery loam, shaly silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	20-29	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	29-33	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
G1D: Gilpin-----	0-9	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	9-20	Channery loam, shaly silt loam, silty clay loam	CL-ML, GC, SC, CL	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	20-29	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	29-33	Unweathered bedrock			---	---	---	---	---	---	---	---
G1D3: Gilpin-----	0-9	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	9-20	Channery loam, shaly silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	20-29	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	29-33	Unweathered bedrock			---	---	---	---	---	---	---	---
G1E: Gilpin-----	0-9	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	9-20	Channery loam, shaly silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	20-29	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	29-33	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

[illegible]

Table H.--Engineering Index Properties--Continued

[illegible]

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
GvF: Gilpin	20-29	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-5	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	29-33	Unweathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Upshur-----	0-6	Very stony silty clay loam	CL, ML	A-6, A-7	0-2	3-10	95-100	95-100	90-100	80-95	35-50	11-25
	6-41	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-70	20-40
	41-56	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	56-60	Weathered bedrock			---	---	---	---	---	---	---	---
HaA: Hackers-----	0-15	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	90-100	90-100	75-100	60-90	20-35	3-12
	15-49	Silt loam, clay loam, silty clay loam	CL, CL-ML, ML	A-4, A-6	0	0	90-100	90-100	90-100	75-95	25-40	4-18
	49-60	Stratified fine sandy loam to silty clay loam	CL, ML, SC, SM	A-4, A-6	0	0	85-100	60-100	55-95	40-85	20-40	1-15
Melvin-----	---	---	---	---	---	---	---	---	---	---	---	---
HaB: Hackers-----	0-15	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	90-100	90-100	75-100	60-90	20-35	3-12
	15-49	Silt loam, clay loam, silty clay loam	CL, CL-ML, ML	A-4, A-6	0	0	90-100	90-100	90-100	75-95	25-40	4-18
	49-60	Stratified fine sandy loam to silty clay loam	CL, ML, SC, SM	A-4, A-6	0	0	85-100	60-100	55-95	40-85	20-40	1-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
Me:												
Melvin-----	0-6	Silt loam	CL, CL-ML, ML	A-4	0	0	95-100	90-100	80-100	80-95	25-35	4-10
	6-60	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	95-100	90-100	80-100	80-98	25-40	5-20
MnB:												
Monongahela-----	0-8	Silt loam	CL-ML, ML, SC-SM, SM	A-4	0	0-5	90-100	85-100	75-100	45-90	20-35	1-10
	8-24	Silt loam, clay loam, gravelly loam	CL, CL-ML, ML	A-4, A-6	0	0-15	90-100	80-100	75-100	70-90	20-40	5-15
	24-48	Silt loam, sandy clay loam, gravelly loam	CL, ML, SC, SM	A-4, A-6	0	0-10	80-100	60-100	55-95	45-95	20-40	3-15
	48-60	Silt loam, clay loam, gravelly sandy loam	CL, ML, SC, SM	A-4, A-6	0	10-20	75-100	60-90	60-85	40-85	20-40	1-15
Tilsit-----	0-10	Silt loam	CL, CL-ML	A-4, A-6	0	0	90-100	85-100	75-100	60-100	20-35	4-15
	10-22	Silt loam, silty clay loam, loam	CL, CL-ML	A-4, A-6	0	0	90-100	85-100	75-100	65-100	25-40	5-20
	22-41	Silt loam, silty clay loam, loam	CL, CL-ML	A-4, A-6, A-7	0	0	90-100	85-100	75-100	65-100	25-45	5-25
	41-46	Silt loam, silty clay loam, silty clay	CH, CL, CL-ML	A-4, A-6, A-7	0	0-30	70-100	65-85	60-85	55-80	25-60	5-35
	46-50	Unweathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Robertsville-----	---	---	---	---	---	---	---	---	---	---	---	---
MnC:												
Monongahela-----	0-8	Silt loam	CL-ML, ML, SC-SM, SM	A-4	0	0-5	90-100	85-100	75-100	45-90	20-35	1-10
	8-24	Silt loam, clay loam, gravelly	CL, CL-ML, ML	A-4, A-6	0	0-15	90-100	80-100	75-100	70-90	20-40	5-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
MnC: Monongahela	24-48	loam Silt loam, sandy clay loam, gravelly loam	CL, ML, SC, SM	A-4, A-6	0	0-10	80-100	60-100	55-95	45-95	20-40	3-15
	48-60	Silt loam, clay loam, gravelly sandy loam	CL, ML, SC, SM	A-4, A-6	0	10-20	75-100	60-90	60-85	40-85	20-40	1-15
Tilsit-----	0-10	Silt loam	CL-ML, CL	A-4, A-6	0	0	90-100	85-100	75-100	60-100	20-35	4-15
	10-22	Silt loam, silty clay loam, loam	CL, CL-ML	A-4, A-6	0	0	90-100	85-100	75-100	65-100	25-40	5-20
	22-41	Silt loam, silty clay loam, loam	CL, CL-ML	A-4, A-6, A-7	0	0	90-100	85-100	75-100	65-100	25-45	5-25
	41-46	Silt loam, silty clay loam, silty clay	CH, CL, CL-ML	A-4, A-6, A-7	0	0-30	70-100	65-85	60-85	55-80	25-60	5-35
	46-50	Unweathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
MnC3: Monongahela-----	0-8	Silt loam	CL-ML, ML, SC-SM, SM	A-4	0	0-5	90-100	85-100	75-100	45-90	20-35	1-10
	8-24	Silt loam, clay loam, gravelly loam	CL, CL-ML, ML	A-4, A-6	0	0-15	90-100	80-100	75-100	70-90	20-40	5-15
	24-48	Silt loam, sandy clay loam, gravelly loam	CL, ML, SC, SM	A-4, A-6	0	0-10	80-100	60-100	55-95	45-95	20-40	3-15
	48-60	Silt loam, clay loam, gravelly sandy loam	CL, ML, SC, SM	A-4, A-6	0	10-20	75-100	60-90	60-85	40-85	20-40	1-15
Tilsit-----	0-10	Silt loam	CL, CL-ML	A-4, A-6	0	0	90-100	85-100	75-100	60-100	20-35	4-15
	10-22	Silt loam, silty clay loam, loam	CL, CL-ML	A-4, A-6	0	0	90-100	85-100	75-100	65-100	25-40	5-20

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
MnC3: Tilsit	22-41	Silt loam, silty clay loam, loam	CL, CL-ML	A-4, A-6, A-7	0	0	90-100	85-100	75-100	65-100	25-45	5-25
	41-46	Silt loam, silty clay loam, silty clay	CH, CL, CL-ML	A-4, A-6, A-7	0	0-30	70-100	65-85	60-85	55-80	25-60	5-35
	46-50	Unweathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Mo: Moshannon-----	0-9	Silt loam	CL, CL-ML, ML	A-6, A-4	0	0	95-100	95-100	90-100	70-95	22-40	3-15
	9-41	Silt loam, silty clay loam	CL, CL-ML, ML	A-4, A-6	0	0	95-100	90-100	90-100	80-95	25-40	3-15
	41-60	Silt loam, clay loam, gravelly fine sandy loam	CL, CL-ML, ML, SC	A-4, A-6	0	0	80-100	70-100	55-100	35-80	25-40	3-15
Melvin-----	---	---	---	---	---	---	---	---	---	---	---	---
Se: Senecaville-----	0-10	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	90-100	85-100	75-100	60-90	20-35	3-12
	10-41	Silty clay loam, silt loam	CL, CL-ML, ML	A-4, A-6	0	0	90-100	90-100	85-100	75-95	25-40	4-18
	41-60	Silt loam, fine sandy loam, loam	CL, ML, SC, SM	A-4, A-6	0	0-5	90-100	70-100	65-95	45-90	20-40	1-15
Melvin-----	---	---	---	---	---	---	---	---	---	---	---	---
Sn: Sensabaugh-----	0-7	Silt loam	CL, CL-ML, ML	A-4	0	0-5	90-100	75-95	65-85	55-75	16-29	3-9
	7-22	Gravelly loam, gravelly clay loam, gravelly silty clay loam	CL, CL-ML, GC, SC-SM	A-4, A-6	0	2-18	70-95	55-90	45-75	35-65	20-35	5-14
	22-26	Gravelly loam,	GC, GC-GM,	A-4, A-6	0	5-25	70-90	55-75	45-65	35-55	22-36	6-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
Sn: Sensabaugh		gravelly clay loam, gravelly silty clay loam	SC, SC-SM									
	26-60	Gravelly loam, gravelly clay loam, gravelly fine sandy loam	GC, GC-GM, SC, SC-SM	A-2, A-4, A-6	0	5-30	55-90	25-75	25-65	20-55	20-36	6-15
Melvin-----	---	---	---	---	---	---	---	---	---	---	---	---
Ua: Udorthents-----	---	---	---	---	---	---	---	---	---	---	---	---
UbB: Upshur-----	0-6	Silty clay loam	CL, ML	A-6, A-7	0	0	95-100	95-100	90-100	80-95	35-50	11-25
	6-41	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-70	20-40
	41-56	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	56-60	Weathered bedrock			---	---	---	---	---	---	---	---
UbC: Upshur-----	0-6	Silty clay loam	CL, ML	A-6, A-7	0	0	95-100	95-100	90-100	80-95	35-50	11-25
	6-41	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-70	20-40
	41-56	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	56-60	Weathered bedrock			---	---	---	---	---	---	---	---
UbD: Upshur-----	0-6	Silty clay loam	CL, ML	A-6, A-7	0	0	95-100	95-100	90-100	80-95	35-50	11-25
	6-41	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-70	20-40
	41-56	Silty clay loam, silty clay, clay	CL, MH, ML, CH	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	56-60	Weathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
UcC3: Upshur-----	0-6	Silty clay	CL, MH, ML	A-7	0	0	95-100	95-100	90-100	80-100	35-60	15-30
	6-41	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-70	20-40
	41-56	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	56-60	Weathered bedrock			---	---	---	---	---	---	---	---
UcD3: Upshur-----	0-6	Silty clay	CL, MH, ML	A-7	0	0	95-100	95-100	90-100	80-100	35-60	15-30
	6-41	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-70	20-40
	41-56	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	56-60	Weathered bedrock			---	---	---	---	---	---	---	---
UgB: Upshur-----	0-6	Silty clay loam	CL, ML	A-6, A-7	0	0	95-100	95-100	90-100	80-95	35-50	11-25
	6-41	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-70	20-40
	41-56	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	56-60	Weathered bedrock			---	---	---	---	---	---	---	---
Gilpin-----	0-9	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	9-20	Channery loam, shaly silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	20-29	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	29-33	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
UgC: Upshur-----	0-6	Silty clay loam	CL, ML	A-6, A-7	0	0	95-100	95-100	90-100	80-95	35-50	11-25
	6-41	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-70	20-40
	41-56	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	56-60	Weathered bedrock			---	---	---	---	---	---	---	---
Gilpin-----	0-9	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	9-20	Channery loam, shaly silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	20-29	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	29-33	Unweathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
UgC3: Uphsur-----	0-6	Silty clay	CL, MH, ML	A-7	0	0	95-100	95-100	90-100	80-100	35-60	15-30
	6-41	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-70	20-40
	41-56	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	56-60	Weathered bedrock			---	---	---	---	---	---	---	---
Gilpin-----	0-9	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	9-20	Channery loam, shaly silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	20-29	Channery loam, very channery	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
UgC3: Gilpin	20-29	silt loam, very shaly silty clay loam										
	29-33	Unweathered bedrock			---	---	---	---	---	---	---	---
Other soils----	---	---	---	---	---	---	---	---	---	---	---	---
UgD: Upshur-----	0-6	Silty clay loam	CL, ML	A-6, A-7	0	0	95-100	95-100	90-100	80-95	35-50	11-25
	6-41	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-70	20-40
	41-56	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	56-60	Weathered bedrock			---	---	---	---	---	---	---	---
Gilpin-----	0-9	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	9-20	Channery loam, shaly silt loam, silty clay loam	CL, CL-ML, GC, SC	A-4, A-6, A-2	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	20-29	Channery loam, very channery silt loam, very shaly silty clay loam	GC-GM, GC	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	29-33	Unweathered bedrock			---	---	---	---	---	---	---	---
UgD3: Upshur-----	0-6	Silty clay	CL, MH, ML	A-7	0	0	95-100	95-100	90-100	80-100	35-60	15-30
	6-41	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-70	20-40
	41-56	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	56-60	Weathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index	
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200			
	In				Pct	Pct					Pct		
Gilpin-----	0-9	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15	
	9-20	Channery loam, shaly silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15	
	20-29	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15	
	29-33	Unweathered bedrock			---	---	---	---	---	---	---	---	
	VaC: Vandalia-----	0-6	Silt loam	ML, CL	A-4, A-6, A-7	0	0-5	80-100	75-100	70-95	50-90	25-45	5-20
	6-50	Silty clay loam, channery silty clay, clay	ML, CL, CH	A-6, A-7	0	0-5	75-100	70-95	65-90	60-85	35-55	15-30	
	50-72	Silty clay, clay, channery silty clay loam	ML, CL, MH, CH	A-6, A-7	0	0-5	70-100	65-100	60-100	55-100	30-55	10-30	
VaD: Vandalia-----	0-6	Silt loam	CL, ML	A-4, A-6, A-7	0	0-5	80-100	75-100	70-95	50-90	25-45	5-20	
	6-50	Silty clay loam, channery silty clay, clay	CH, CL, ML	A-6, A-7	0	0-5	75-100	70-95	65-90	60-85	35-55	15-30	
	50-72	Silty clay, clay, channery silty clay loam	ML, MH, CH, CL	A-6, A-7	0	0-5	70-100	65-100	60-100	55-100	30-55	10-30	
VdC3: Vandalia-----	0-6	Silty clay loam	CL, ML	A-4, A-6, A-7	0	0-5	80-100	75-100	70-95	50-90	25-45	5-20	
	6-50	Silty clay loam, channery silty clay, clay	CL, ML, CH	A-6, A-7	0	0-5	75-100	70-95	65-90	60-85	35-55	15-30	
	50-72	Silty clay, clay, channery silty clay loam	CL, ML, MH, CH	A-6, A-7	0	0-5	70-100	65-100	60-100	55-100	30-55	10-30	

Table H.--Engineering Index Properties--Continued

[illegible]